

North Carolina Weather & Crops Report

Released: July 31, 2017



CROP SUMMARY FOR THE WEEK ENDING JULY 30, 2017

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
6.1	6.0	6.6	5.6

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	5	26	60	9
Subsoil Moisture	4	20	69	7
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Corn % Dough	86	72	86	82
Corn % Dent	57	32	51	49
Cotton % Squared	95	90	93	95
Cotton % Setting Bolls	67	51	65	70
Peanut % Pegging	92	85	88	90
Soybeans % Blooming	67	46	63	52
Soybeans % Setting Pods	41	26	35	26
HARVESTED:				
Apples	12	n/a	16	13
Hay: Second Cutting	64	53	64	60
Peaches	61	52	57	64
Tobacco Flue-cured	22	13	17	19

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apple	0	0	50	49	1
Corn	1	4	19	54	22
Cotton	2	6	30	53	9
Hay	2	8	35	47	8
Pasture	2	6	38	50	4
Peanuts	0	3	26	54	17
Sorghum	0	1	24	67	8
Soybeans	1	5	30	53	11
Sweet Potato	0	2	41	52	5
Tobacco: Flue-cured	2	6	33	53	6
Tobacco: Burley	0	1	41	57	1

VP = Very Poor P = Poor F = Fair G = Good EX = Excellent

Weather was near normal with approximately 1" of rainfall for the period with warm temperatures, which were near normal.

Robert Hawk – Swain County Extension

Scattered rain and thunderstorms limited some field activity for the week. Precipitation levels were highly variable across the county, but most areas received between 0.5"-1" of rain. Crops continue to look good with some disease issues becoming more prevalent, particularly black shank in tobacco, early blight in tomatoes, and powdery and some downy mildew in cucurbits. Vegetable harvest is now in full swing. **Stanley Holloway – Yancey County Ext**

Been getting calls about young shoots on dogwoods wilting from dry weather. Turf also showing wilt conditions in lawns. Rain event from this week split our county North and South. The southern part of the county remains dry. Fruiting crops continue to need rain. Tobacco growers will likely begin cutter-leaf harvest in the very near future. Cotton farmers are spraying for Bt-resistant bollworms and stink bugs. **Roy Thagard – Greene County Extension**

Franklin County was getting extremely dry in certain locations last week. We did receive much needed rain towards the end of last week across the county. Rain range from 1/2" in areas to as much as 4 inches with hail in some areas. This rain was too late for our late planted corn. One growers has lost over 200 acres of corn due to drought. The vegetable season was cut short for some due lack of rain and extreme heat. Black Shank is taking its toll on the tobacco crop due to the time of stress it experienced from extreme heat and drought. **Charles Mitchell – Franklin County Ext**

Dry conditions prevailed last week. Some light scattered showers hit the county but nothing of significance. Subsoil moisture carried most of the corn and soybeans through the July heat. Corn harvest could begin early next week. Soybeans look good but need rain. **Mark Seitz – Pender County Extension**

Corn harvest has begun on some early hybrids with yields being reported as above average. Insect numbers are beginning to pick up in soybean and cotton with some treatments going out.

Mac Malloy - Robeson County Extension

Rain showers Friday and Saturday helped with the dry conditions. Rain is still needed. Crops are looking good following the rain, but continued rain will be needed. If showers continue producers will be able to harvest a second cutting.

Julia Houck – Ashe-Alleghany County Extension

Tomato Spotted Wilt Virus has been very bad on our tobacco crop this year. Black Shank is now starting to show up in the tobacco crop. Corn and soybeans are looking good for the most part this year. A good rain this Saturday and Sunday could be very helpful. **Blake Sandlin – Duplin County Extension**

Hot weather has increased crop maturity. Corn harvest will begin shortly. **Daniel Simpson – Pamlico County Extension**

Extreme heat and dry weather tobacco crop yellowing and becoming thin. Soybeans have shut down growth process and are stunted. Corn pollination and yield have been effected by rains and root development due to denitrification is showing up in the heat stress. **Gary Cross - Person County Extension**

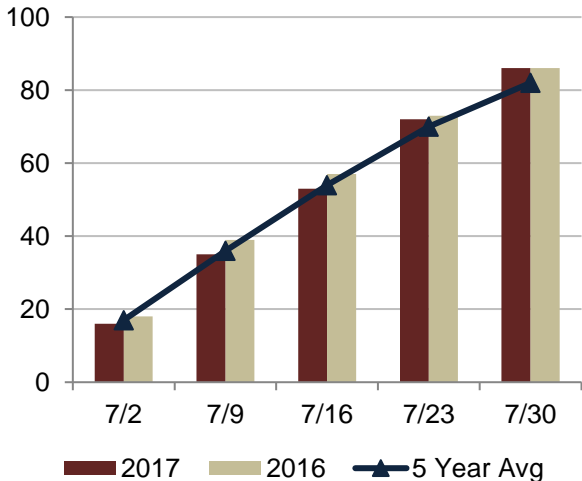
Too much heat and dry the last few weeks are reducing yield and quality across the board. **Tim Hambrick – Forsyth County Ext** Crops are looking good. Warren County finally had good rainfall, so crops and pastures have perked back up.

Kelsey Lichtenwalner – Warren County Extension

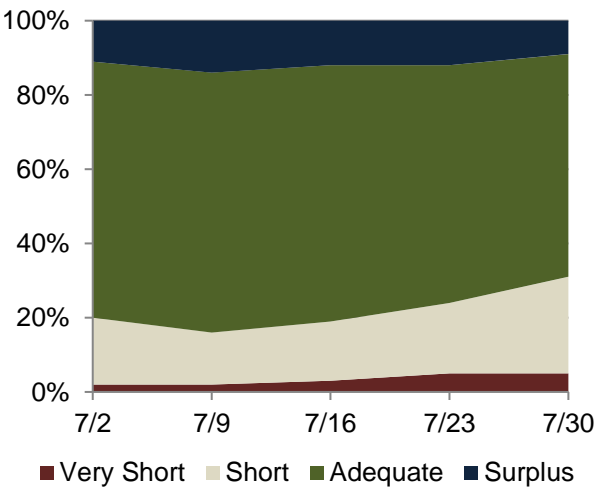
High temperatures and lack of rain have been stressful for all crops the past three weeks.

Cathy Herring – Central Crops Research Station

CORN PERCENT DOUGH



TOPSOIL MOISTURE PERCENT



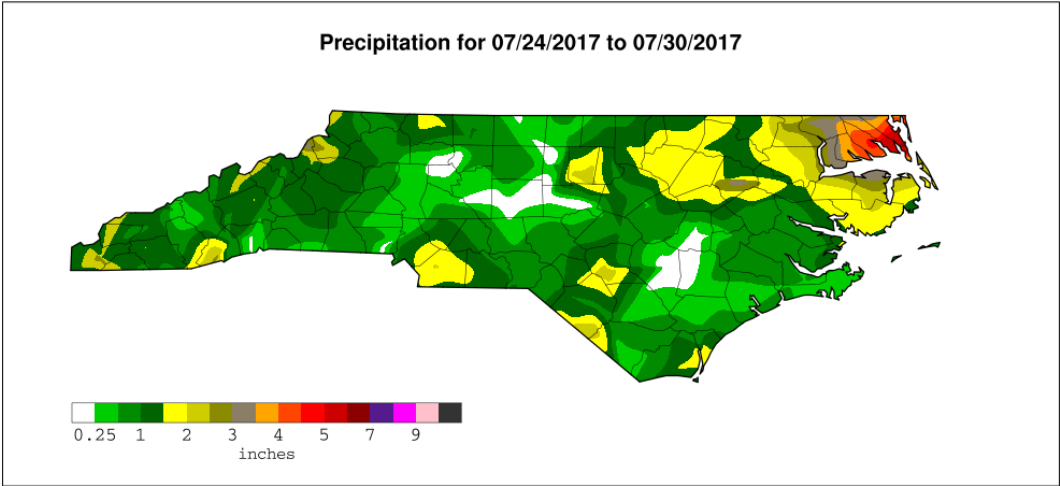
WEATHER SUMMARY FOR THE WEEK ENDING JULY 30, 2017									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.10	-0.88	24.12	-3.88	95	60	80	2	2651
Asheville	1.33	0.43	28.85	0.35	90	61	76	3	2222
Burlington	0.32	-0.66	26.36	-0.91	99	64	81	1	2762
Charlotte	1.20	0.36	31.58	5.96	96	65	82	1	2855
Clayton	0.44	-0.63	34.22	7.25	95	63	79	-1	2632
Clinton	0.07	-1.30	29.12	-0.20	94	65	81	1	2872
Elizabeth City	4.73	3.61	29.33	1.00	93	67	78	-2	2866
Erwin	0.93	-0.31	25.52	-3.87	97	65	82	3	3010
Fayetteville	2.34	1.15	26.71	-0.87	102	66	84	4	3266
Gastonia-Gaston	0.16	-0.68	26.25	0.43	94	66	81	2	2774
Goldsboro	0.13	-1.13	25.99	-3.05	98	67	82	1	3053
Greensboro	0.94	-0.02	32.01	6.29	96	62	79	1	2659
Greenville	1.21	-0.04	31.48	2.84	93	63	78	-2	2956
Hickory	0.85	-0.02	29.01	-0.93	93	62	78	0	2556
Jefferson	1.00	0.02	38.76	8.94	84	52	69	-1	1482
Kinston	0.83	-0.50	26.67	-3.38	96	63	80	1	2875
Maxton	0.99	-0.14	24.92	-3.72	95	64	82	1	3007
Mount Airy	1.77	0.82	36.59	8.00	92	56	76	1	2123
New Bern	0.53	-1.01	30.42	-1.37	95	66	81	1	3006
North Wilkesboro	0.68	-0.25	32.87	2.01	93	61	77	1	2357
Oxford	0.36	-0.69	21.98	-4.80	94	58	77	-1	2254
Raleigh-Durham	0.80	-0.16	30.69	5.00	102	64	82	3	2893
Reidsville	0.28	-0.71	31.50	2.89	95	60	78	1	2462
Roanoke Rapids	1.97	0.93	25.76	-1.22	99	64	80	1	2844
Robbinsville	0.68	-0.45	37.91	-3.18	89	55	73	-1	2015
Rockingham	0.84	-0.50	24.35	-5.34	95	65	81	2	2868
Roxboro	1.18	0.14	32.52	5.08	94	58	76	-1	2366
Southern Pines	0.83	-0.28	25.64	-3.10	97	65	82	3	2928
Statesville	0.31	-0.53	32.72	5.02	91	60	78	0	2377
Tarboro	3.35	2.30	34.17	7.30	98	64	79	0	2788
Vale	0.66	-0.18	30.96	2.31	91	63	78	0	2410
Wallace	0.31	-1.29	32.78	1.05	95	64	80	-1	2899
Washington	0.65	-0.53	31.48	2.70	95	64	80	1	2900
Waynesville	0.48	-0.36	25.32	-4.80	87	59	73	3	1803
Whiteville	0.55	-0.74	25.26	-4.68	93	64	80	-1	2861
Williamston	1.38	0.20	32.40	3.62	95	64	79	0	2823
Willimnton	1.39	-0.36	37.19	4.61	93	67	82	1	3106
Wilson	0.24	-0.92	31.79	3.55	91	63	79	0	2887
Winston Salem	0.59	-0.37	29.18	3.46	95	61	79	1	2657

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.



US DROUGHT MONITOR OF NORTH CAROLINA

<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

